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In re application of: January 19, 2007

L. Ullmann, et al   Group Art Unit: 2154

Serial No. 09/891,584   Examiner: Dustin Nguyen
Patent No. 7,120,685

Issued: October 10, 2006   IBM Corporation
                                         Anne Vachon Dougherty
Title: METHOD AND APPARATUS FOR   3173 Cedar Road
DYNAMIC CONFIGURABLE LOGGING OF   Yorktown Hts, NY 10598
ACTIVITIES IN A DISTRIBUTED
COMPUTING SYSTEM

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
Sir:

    In U.S. Patent 7,120,685, Applicants request entry of a Certificate of Correction to include the attached Formal Drawings.
    Applicants believe that no fee is due for the Certificate of Correction, since the error was on the part of the Patent Office. However, should a fee be required, authorization is hereby given to charge Deposit Account 09-0447 for the Certificate of Correction.

Respectfully submitted,
L. Ullmann, et al

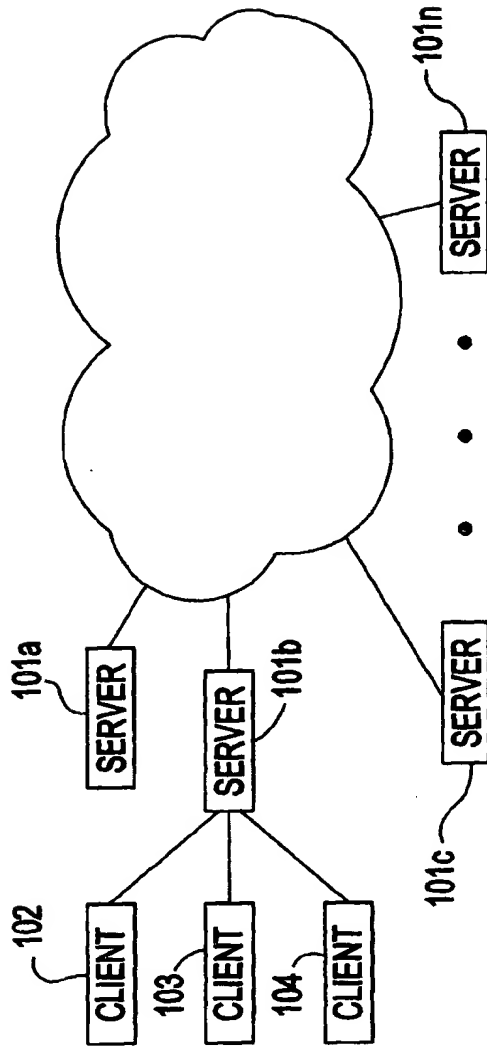By: Anne Vachon Dougherty
Reg. No. 30,374
Tel. (914) 962-5910
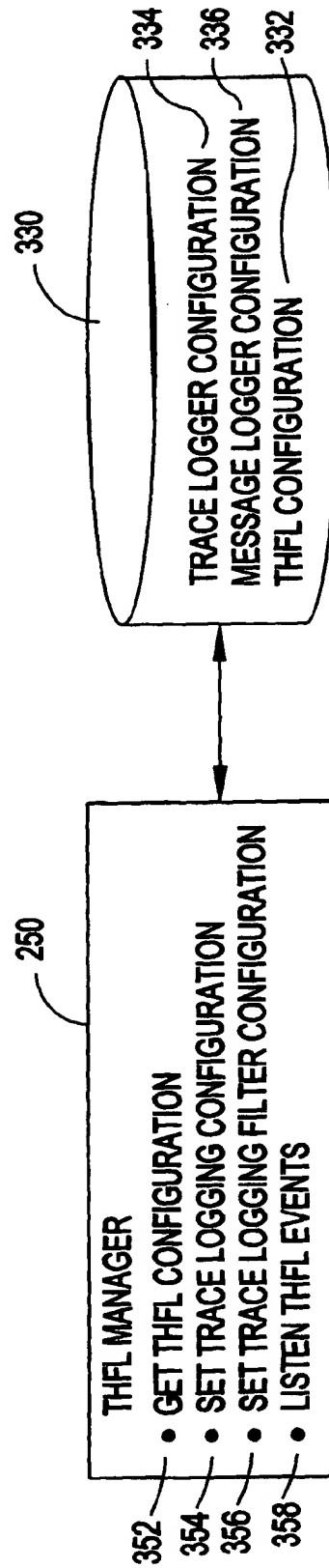
AUS920010284US1   1

FIG.1

FIG.3

FIG.2A

FIG.2

FIG.2A	FIG.2B
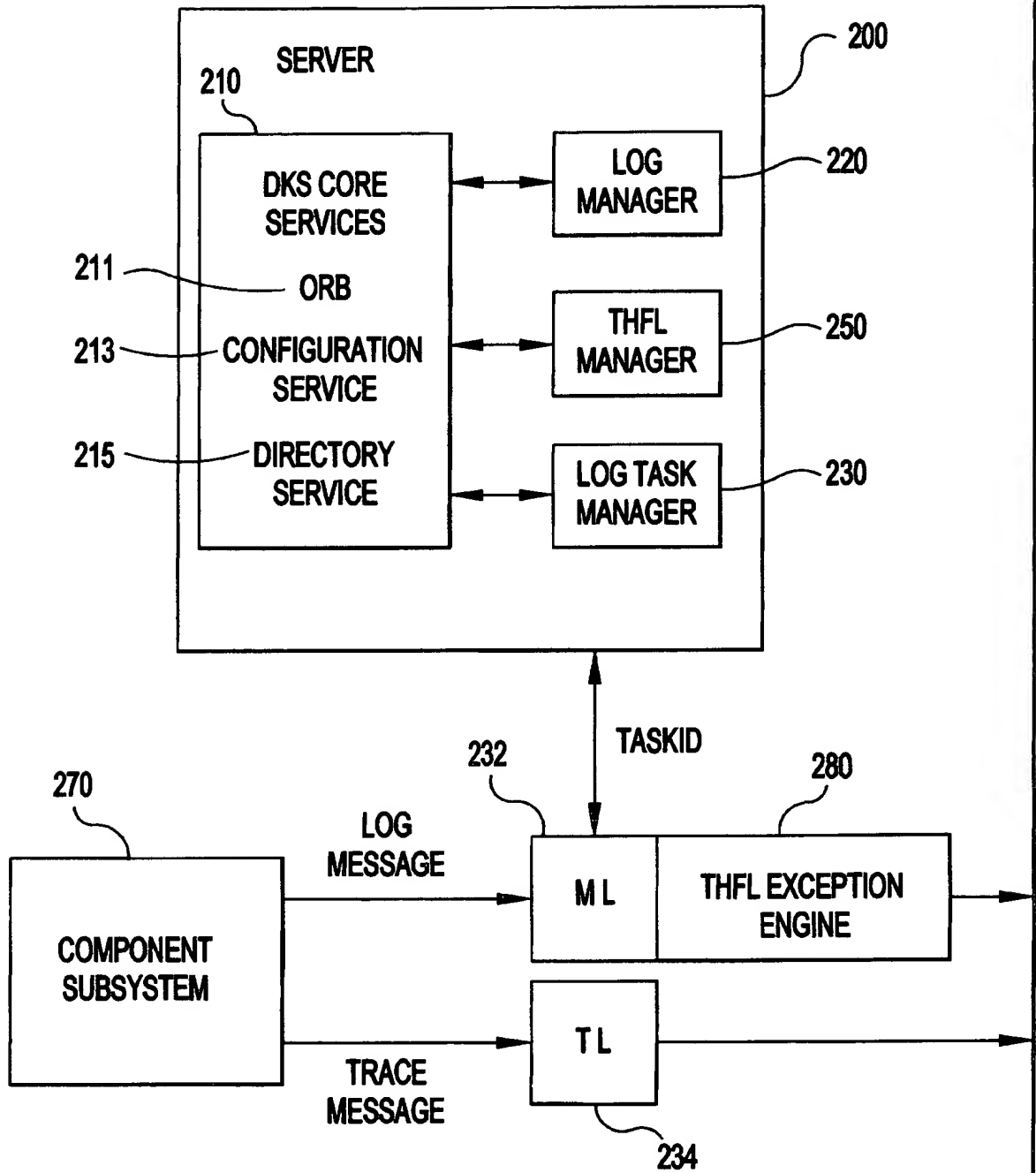
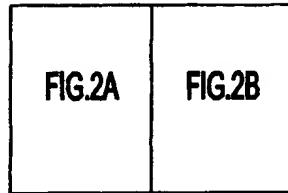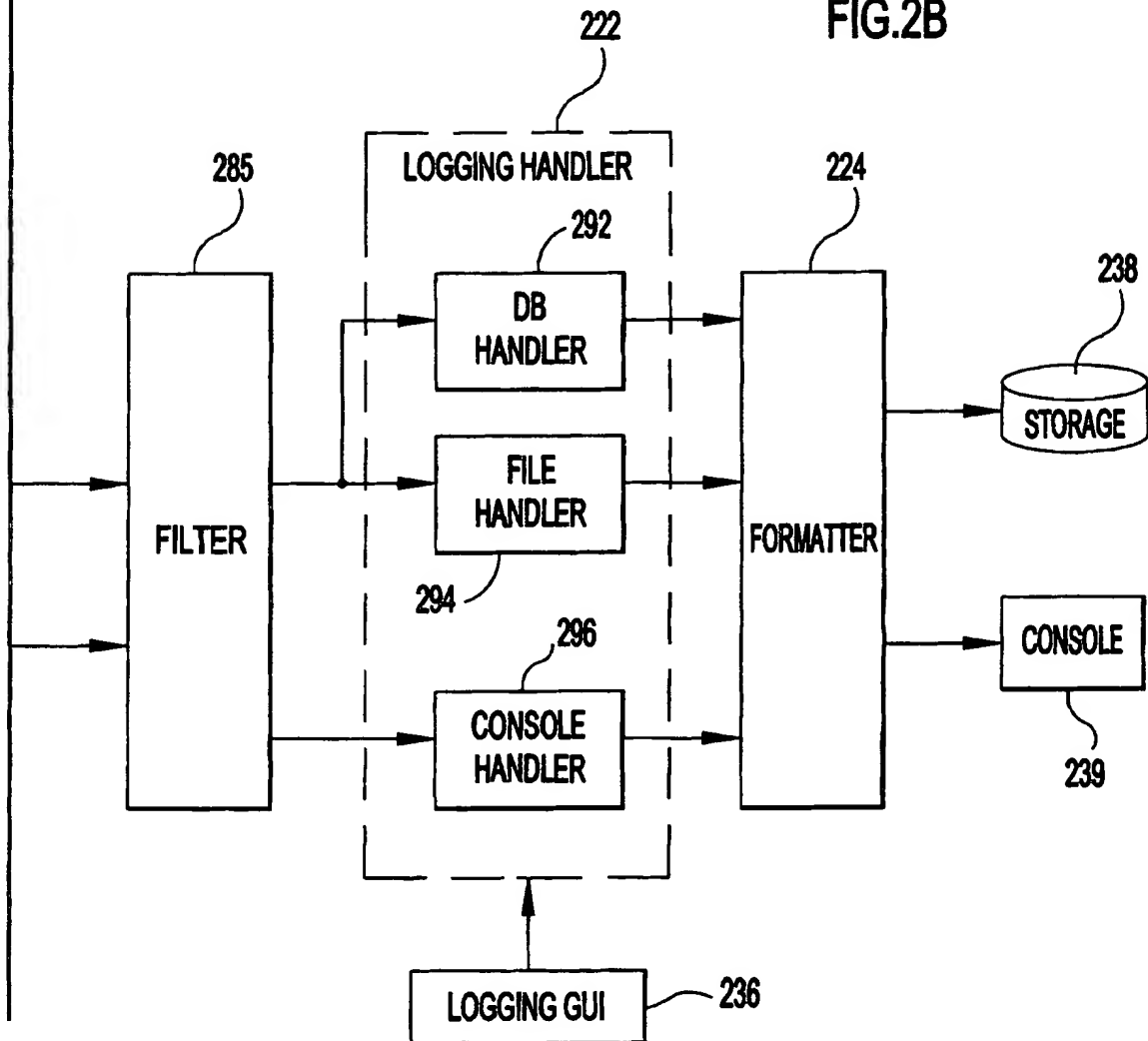## FIG.2B

✓ Transient High Frequency Logging Configuration GUI

When to Enable Transient High Frequency Logging:

∅ Run Periodic Detection

- Daily   time of day   = _____
- Monthly   day of month   = _____
- Continuous   Polling interval every _____ minutes

∅ Enable immediately as response to ALL Error Message (very expensive from a performance standpoint)

∅ Select Subsystem(s) which error events turn on temporary tracing
   Subsystem DropDown: Directory
                          IP Driver
                          ORB
                          Etc.

Duration of Transient High Frequency Logging:

∅ (default) 1 hour after error message
∅ Indefinite until Administrator turns off tracing

FIG.4

FIG.5A

View Subsystems Performing Transient High Frequency Trace Logging

Current List

Drop down List of Subsystems
    Directory
    IP Driver
    ServiceManager
    ORB

List in Last _____ hours
Drop down List of Subsystems

List in Last _____ days
Drop down List of Subsystems

FIG.5B

Details Views ForEachSubsystem

View ErrorMessage that Initiated Increase Logging frequency:

2001.05.16 07:17:41.139 FNGDR3012E The Messaging Service for the directory running on the local ORB was unable to subscribe to event messages. No directory events can be processed by the ORB.
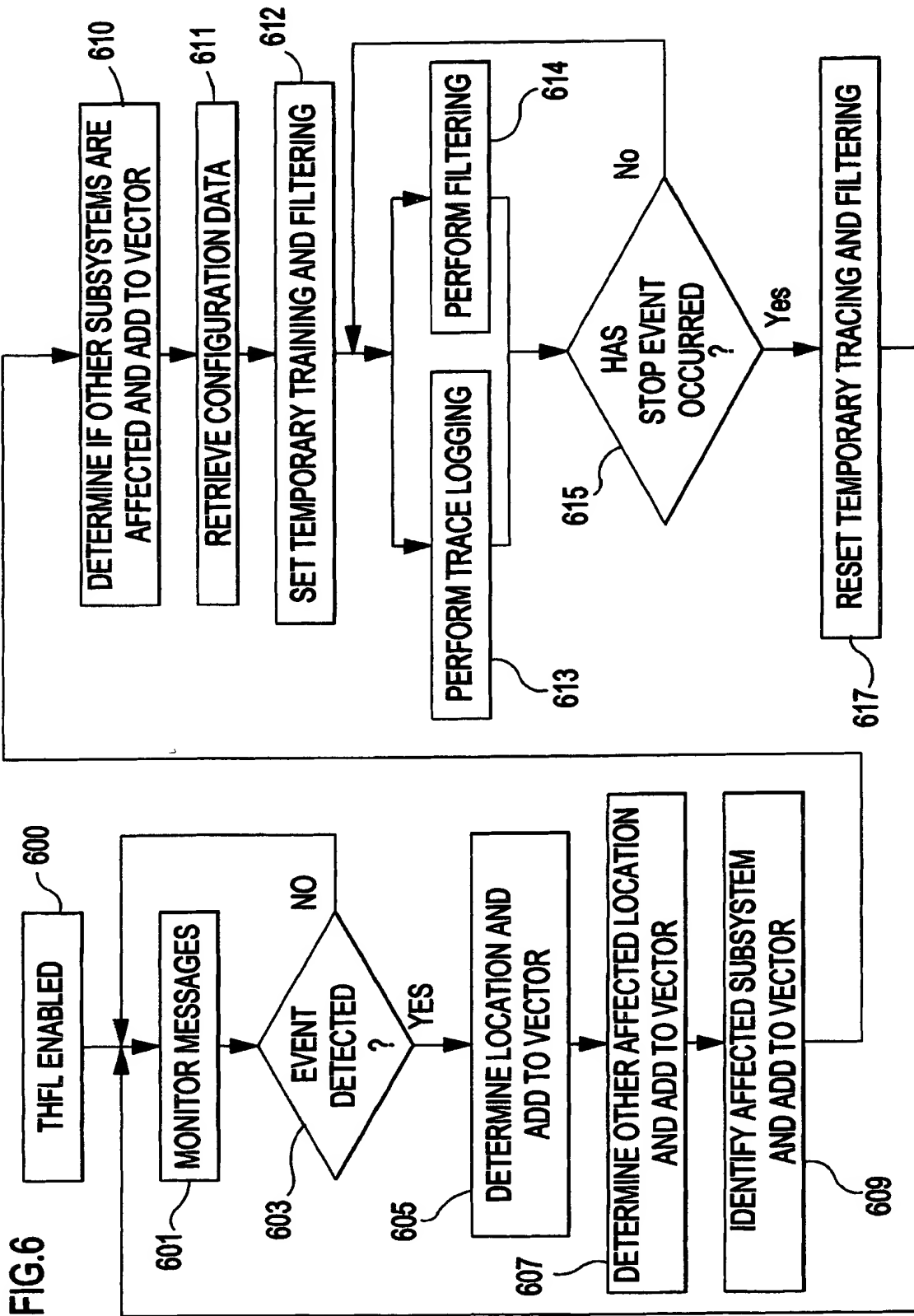
High Frequency Logging Interval 2001.05.16 07:17:41.139 - 2001.05.16 07:17:41.139

View MessageLog Button
ViewTraceLog Button
ViewCombinedTimeBoundLog Button

FIG.6

THFL ENABLED — 600
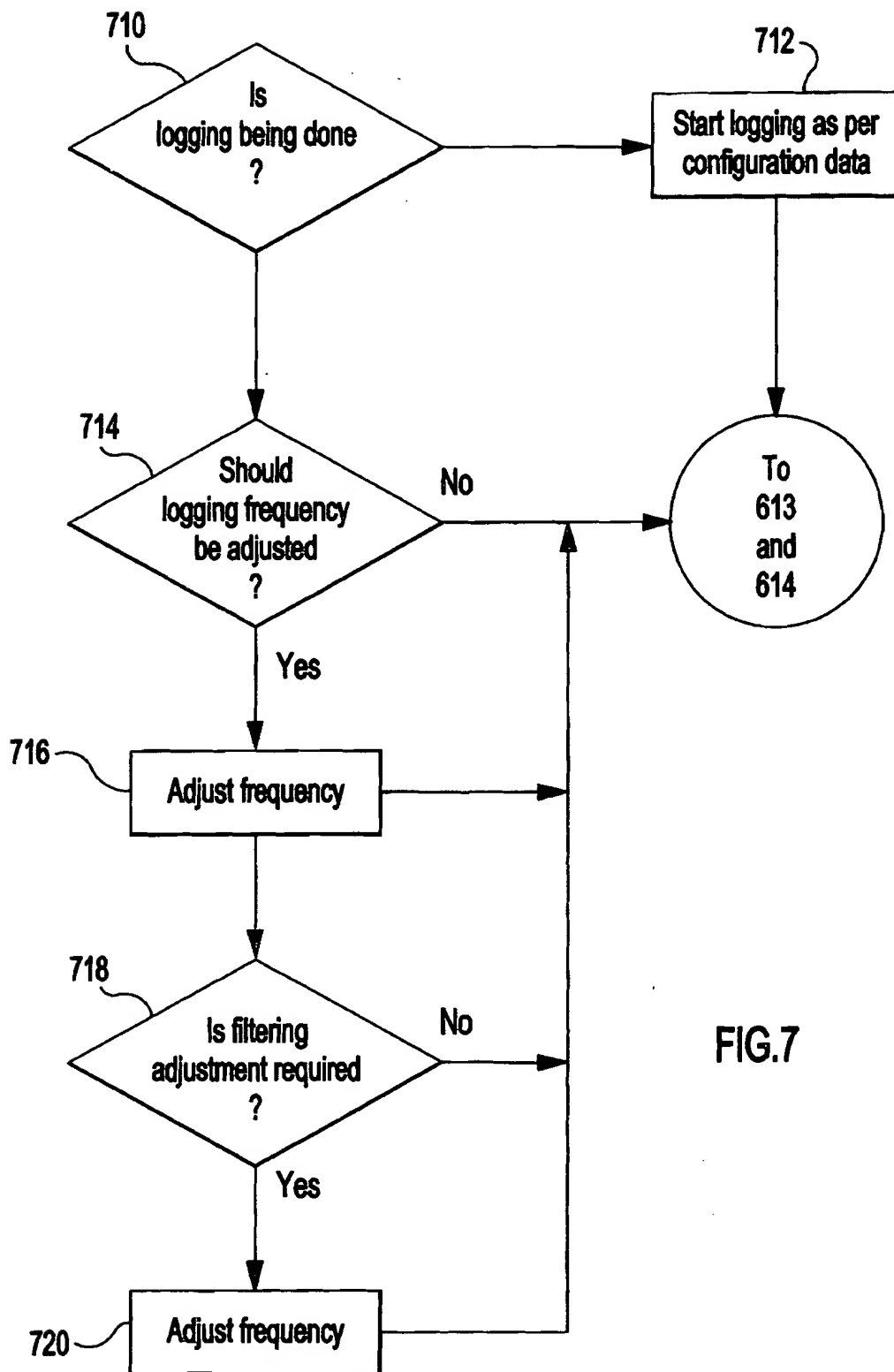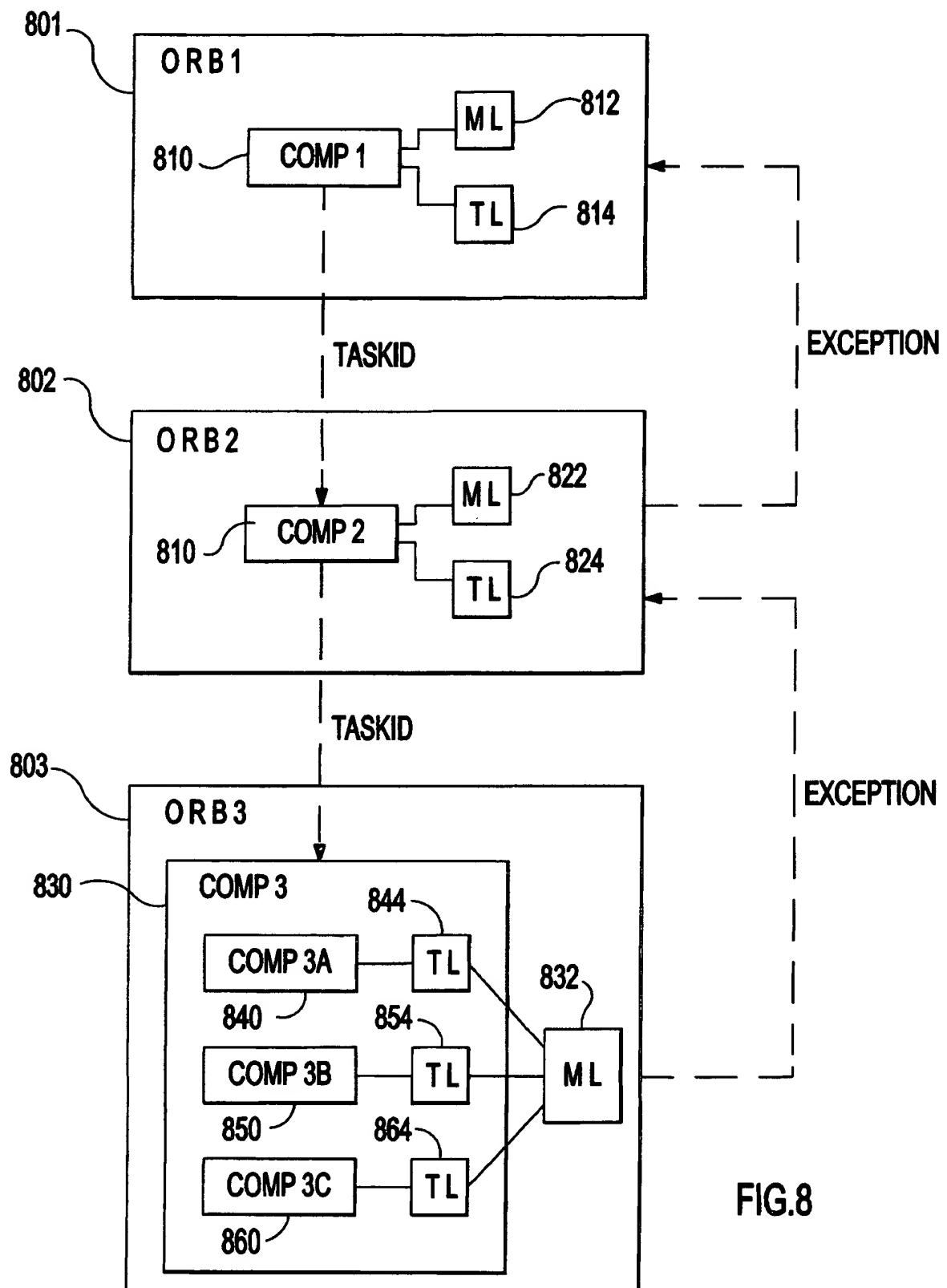
MONITOR MESSAGES — 601

EVENT DETECTED ? — 603

NO

YES

DETERMINE LOCATION AND ADD TO VECTOR — 605

DETERMINE OTHER AFFECTED LOCATION AND ADD TO VECTOR — 607

IDENTIFY AFFECTED SUBSYSTEM AND ADD TO VECTOR — 609

DETERMINE IF OTHER SUBSYSTEMS ARE AFFECTED AND ADD TO VECTOR — 610

RETRIEVE CONFIGURATION DATA — 611

SET TEMPORARY TRAINING AND FILTERING — 612

PERFORM TRACE LOGGING — 613

PERFORM FILTERING — 614

HAS STOP EVENT OCCURRED ? — 615

No

Yes

RESET TEMPORARY TRACING AND FILTERING — 617

FIG.7

FIG.8